

微電腦型熱電偶隔離雙輸出傳送器

(DUAL OUTPUT MICROPROCESS THERMOCOUPLE ISOLATED TRANSMITTER)

MODEL
DTMT



特點(FEATURES)

- 精確度0.2%滿刻度 ±0.5 (冷接點補償) (Accuracy 0.2%F.S. ±0.5 (CJC))
- 高精度冷接點溫度補償(CJC traceability< ±0.5 (0-70))
- 熱電耦誤差補償,與斷線保護功能(Sensor error compensation(offset) and burnout protection function))
- 16 BIT 隔離類比輸出(16 bit DAC isolating analog output)
- 多種熱電耦輸入與類比輸出選擇(Wide selection of input/output range)
- 輸入/輸出1/輸出2絕緣耐壓2仟伏特/1分鐘(Dielectric strength 2KVac/1min. (input/output1/output2/power))
- 寬範圍交直流兩用電源設計(Wide input range for auxilliary power)
- 尺寸小,穩定性高(Dimension small and High stability)

1.MODEL:DTMT-

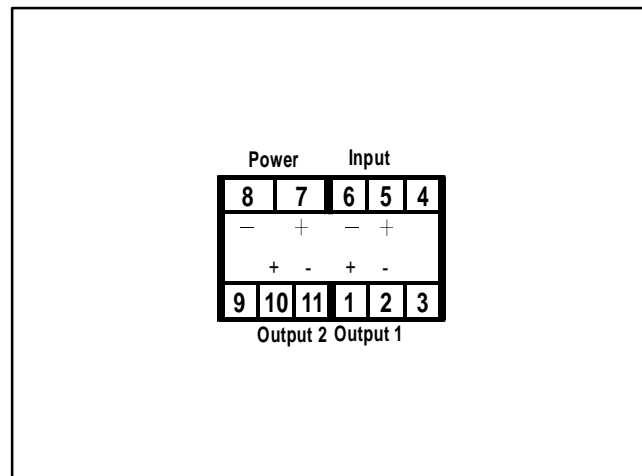
(選購型號)

NO	Input Type	NO	Input Type	NO	Output 1	NO	Output 1	NO	Output 2	NO	Output 2	NO	Aux. Power
B	B(200-1800)	R	R(0-1760)	A	0-50mV	F	0-1mA	A	0-50mV	F	0-1mA	A	AC/DC 18-60V
E	E(-185-990)	S	S(0-1750)	C	1-5V	H	0-20mA	C	1-5V	H	0-20mA	B	AC/DC 90-260V
J	J(-200-760)	T	T(-200-395)	D	0-10V	I	4-20mA	D	0-10V	I	4-20mA	Less 4VA for AC/DC input	
K	K(-200-1360)	=(9/5) +32		E	2-10V	R	SPECIFIED	E	2-10V	R	SPECIFIED		

2.SPICIFICATION (主要規格)

Measuring accuracy (精確度)	: 0.2% F.S. ±0.5 (CJC)
Sampling time (取樣時間)	: 10 cycles/sec.
Analog output resolution (類比輸出解析度)	: 16 bit DAC
Response time (輸出反應速度)	: < 250 ms (0-90%)
Offset range(input) (熱電耦誤差補償)	: 0- ±99.9 ()
Output drive capability (輸出負載能力)	: < 10mA for voltage mode < 10V for current mode
Output ripple (p-p) (輸出之漣波)	: < 0.1% F.S.
Zero (offset) range (歸零調整範圍)	: 0- ±9999 Digit adjustable(output1) 0- ±5%F.S.(output2)
Span (scale) range (最大偵測調整範圍)	: 0- ±9999 Digit adjustable(output2) 0- ±10%F.S.(output2)
Temp. coefficient (溫度係數)	: 50ppm/ (0-50)
Display (顯示幕)	: Red high efficiency LEDs high 10.16 mm (0.4")
Parameter setting (參數設定方式)	: Touch switches
Memory mode (記憶方式)	: Non-volatile E ² PROM memory
Isolation (隔離特性)	: Input/Output1/Output2/Power/Case
Insulation Resistance (絕緣阻抗)	: >100Mohm with 500V DC
Dielectric strength (絕緣耐壓能力)	: 2KVac/1 min. (input/output1/output2/power) 1600Vdc (input/output1/output2)
Operating condition (使用環境條件)	: 0-60 (20 to 90% RH non-condensed)
Storage condition (存放環境條件)	: 0-70 (20 to 90% RH non-condensed)
Construction (安裝方式)	: Socket/plugin type with barrier terminals
CE EMC Certification (CE 認證)	: EN 55022:1998/A1:2000 Class A EN 61000-3-2:2000 EN 61000-3-3:1995/A1:2001 EN 55024:1998/A1:2001

3.TERMINAL CONNECTION (接線圖)



4.DIMENSION (unit:mm) (外型尺寸)

